

Minutes of Board Meeting 1/4/95

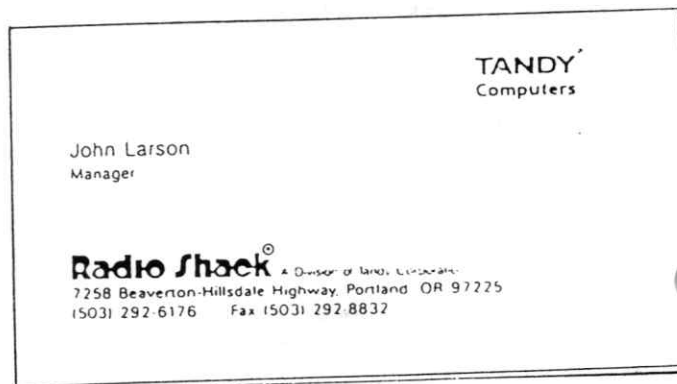
1. Meeting called to order at 7:07 pm by President Bill Merwin.
2. Those in attendance were Bill Merwin, Janet Bell, Lorna Campbell, Alan Chinnock, Brad Beach, Bob Cowan, Chuck Mickley, Burt Rooke, and Betty Mickley.
3. Bill Merwin reported that Paul Schaff's wife had passed away. The club sent flowers.
4. The minutes of the previous meeting were read and approved.
5. Treasurer's report - The books are in transition. Looks like everything is coming together.
6. Membership - Discussed the need to get member profile information updated. We will look into having a booth at Beaverton Good Neighbor Days to involve our members and promote amateur radio to the community.
7. Programs -
January: message handling
February: ACERT
March: TriMet light rail project
8. Training - Burt Rooke will be starting a new novice/tech class next week. The class is offered through PCC and is held at Cedar Park Elementary School. Burt was asked to look into AV aids that are available, the club may consider buying some to help with the classes.
9. Christmas party - The party went well and came in under budget. There were some problems with the food. The club presented the Elks with a check for \$500 for their Feed the Hungry program.
10. Scholarship program - Chuck Mickley presented the scholarship application form for review by the board. Any comments need to be back to him by the next general meeting.

Moved and seconded to not do the scholarship this year and explore other ways to contribute to the community. Defeated.

Moved and seconded to have Bill Merwin investigate a college group to administer the OTVARC scholarship program. No vote.

11. Moved and seconded to adjourn at 9:00 pm

Respectfully submitted Alan Chinnock, Secretary.



THE PACKET BULLETIN BOARD

The Packet BBS here in Aloha is still alive and well. I was absent from the January 95 ORVARC meeting because I attended the O.P.E.N. (Oregon Packet Experimenters Network) meeting. O.P.E.N. elected new officers and continued to work toward standardizing network parameters to provide users with the most efficient network possible. The newly elected O.P.E.N. Officers are:

N7TRY	Todd Kolmodin	President	SYSOP-TIGARD Node
KB7KBT	Garrey Morford	Vice President	SYSOP-NPDX Node
KB7DBD	Joe Johanesen	Secretary/Treasurer	SYSOP-MTHOOD Node
N7KEJ	Doug Brown	Officer At Large	SYSOP-MICRO Node
WA7EES	Dave Bogner	Officer At Large	SYSOP-HLSB Node

Here at the ALOHA node things have been reasonably quiet during December and January, due to the holidays. However, I have managed to expand to 5 packet ports.

Port	Frequency	Speed	Primary Use
0	145.51	1200	User port - BBS and Network Access
1	439.00	9600	Backbone/Newtork port to CEDAR
2	434.00	1200	Temp Backbone/Network port to HLSB
3	TBD	19200	Future Backbone to Internet
4	14.111	300	HF forwarding gateway

Other recent enhancements include:

December 1994 Buckmaster Callbook now on line over 70 MB of Amateur related files/programs available for download. Automatic forwarding to personal mailboxes of my users

I've been asked by the OTVARC leadership to consider heading up the packet special interest group for the club. I'll begin by including a helpful hints section for new and experienced packet users in the newsletter. I would also consider forming a Packet User Group if there is any interest. During the February OTVARC general meeting we will have a discussion concerning a Packet User Group. If you are interested in the users group and are unable to attend the February general meeting. Send me a note on packet (KB7OGD @ KB7OGD.OR.USA.NOAM) or give me a call on the phone (503-645-1490) and I'll fill you in on the details.

73 Rick

KB7OGD @ KB7OGD.OR.USA.NOAM

O.P.E.N. -

Oregon Packet Experimenters Network

The purposes and goals of O.P.E.N. are:

To establish, promote and develop the digital radio networks in Oregon.

The focus is on packet operation above 30 Mhz, but is not limited to this mode or frequency range. The primary goal is to provide the highest quality network as can be provided given the constraints of time, sites, technology, and funding.

Work with all involved to develop a state wide plan which will guide the development of the packet network in Oregon.

Promote coordination and communication between groups and individuals involved in implementing the digital network by serving as a forum for all hams participating in or interested in digital communications in Oregon.

Identify locations in which network resources are needed, and work with individuals or organizations to assist in the development of these resources.

Work with Packet Radio organizations in other states to develop regional network capabilities. Provide coordination between the digital network in Oregon and similar networks in other areas.

Promote active discussion and debate on technical and operational issues.

Encourage technical and operational experimentation to evaluate new products, new approaches, and new ideas in designing and operating the network.

Promote support by users of their local Packet Radio organizations.

The responsibility of O.P.E.N is to the users of the packet network, to facilitate BBS to BBS forwarding, User to BBS operations, User to User conversations, and Amateur Radio Emergency Services uses of the network.

73's From N7KEJ @ N7KEJ.OR.USA.NA
Douglas Brown

As you all should know by now Bill (President and Editor) would like to have more of us write articles. So here goes. I hope that this is one of the first of a long line of articles from all our members. You do not have to be a board member to write, you do not have to be a special interest leader to write, you probably do not even have to be a member to write. All you have to do is have something to say to the members of OTVARC.

Are you building a new piece of equipment? Have you made an interesting contact? Are you looking for others that share an interest? Are you planning a DXpedition? These are all reasons to write something. So please, participate in the club by contributing to the newsletter. The board members all have tasks given them by the bylaws. We do not have time to do everything for you. Join in and help us.

The board is discussing the need to know more about members' areas of interest in the wide world of amateur radio. To that end we will be designing a questionnaire in the near future to find out what you do and would like to do. If you have any input on this let me, or any of the board members, hear your suggestions. Then in an upcoming newsletter you will find your very own copy of the questionnaire. Please fill it out and get it back to us. This will help the board see where you, the members, want to go.

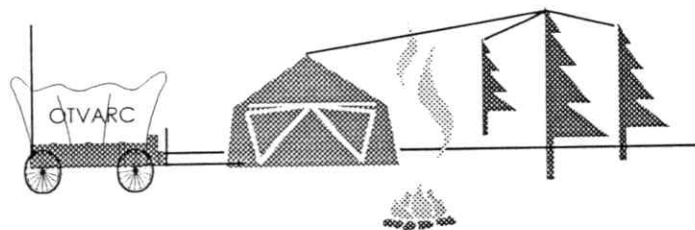
To get things started let me throw out a couple of things that are interest to me. I am currently building a set of 6 meter through 70 cm Yagi antennas. The reason for this is that I would like to go out and do some VHF/UHF mountain topping. Does this sound like fun to anyone else? Is there anyone else in the club that has played with 6 meter sporadic E. Last spring I set my personal best with a contact in Brownsville, Texas. I also made my only international contact by talking to Tijuana, Mexico. Not bad for 10 watts and a Ringo in the attic.

There's my two-bits worth for the month. Next month you can try your hand at writing and help Bill fill up the newsletter. Or better yet, volunteer to become the editor. Remember volunteering is a lot more fun than listening to Bill beg for help.

The Travelers consist of a group of individuals that enjoy camping once a month (the third weekend) at locations that are not too distant from the Portland Metro area, usually not exceeding 100 miles. This is a time for relaxation, bonfires, and touring of the local landmarks. A group potluck at 5:30 Saturday evening is usually the only organized event of the weekend.

For January, The Travelers went to Champoege State Park, near Aurora. Altogether, there were 9 rigs that showed up, and the weather was very cooperative for this time of year; clear skies, and mild temperatures.

The Travelers will be going to Mulkey's RV Park, on Highway 18 just Southwest of McMinnville, the third weekend of February (17th, 18th, & 19th), which is just North of Rickreall, the site of the Salem Hamfair on February 18th.

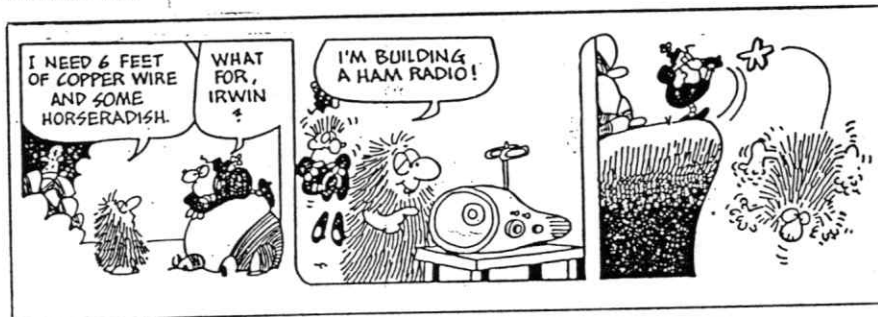


February Speaker

Steve Bihler, N7RYO, will present a program about Amateur Communication Emergency Response Team (ACERT). ACERT is a fledgling ARES group whose primary response is as communications liaison to the city of Beaverton, Tualatin Valley Fire and Rescue (TVF&R), 911 Meridian Park Hospital, and the city of Tualatin.



The group is a little over a year old but can boast of its successful inclusion in the Quake-X exercise with the City of Beaverton and TVF&R. The most recent exercise held in December of 1994 gave the group important information regarding packet communication between the primary response sites.



News From All Over

"Vanity" Call Signs now in FCC's Court

The FCC Authorization Act that would have converted an annual regulatory fee for Amateur Radio "Vanity" call signs to one-time application fee failed to pass in the last session of Congress. The bill, H.R. 4522, passed the House but failed in the Senate despite a concerted last-ditch effort by ARRL to have the bill considered during the lame duck session December 1. *Broadcasting and Cable* magazine attributed the bill's defeat to opposition (to unrelated provisions) by the National Association of Broadcasters. The FCC now is expected to introduce a "Vanity" call sign program with a \$70 fee renewable every 10 years.

More information was on page 49 of January QST.

(Copied from February 1995 QST - Official Publication of ARRL)

FCC Issued Call Sign Update

The following is a list of the FCC's most recently issued call signs as of December 1, 1994

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AA0UN	KG0RV	**	KB0PTK
1	AA1LM	KD1YE	N1TQD	KB1BLO
2	AA2UX	KF2ZD	**	KB2SOZ
3	AA3JD	KE3QE	N3TWX	KB3VFO
4	AE4AD	KS4IM	**	KE4TEA
5	AB5ZA	KK5FX	**	KC5LCE
6	AC6IA	KO6MH	**	KE6ONG
7	AB7GH	KJ7FZ	**	KC7GZS
8	AA8RE	KG8NH	**	KB8VTG
9	AA9NE	KF9ZB	N9ZHC	KB9JBM
Hawaii	**	AH6NQ	WH6ZP	WH6CRM
Alaska	**	AL7PV	WL7ZA	WL7CHW
Puerto Rico	**	KP4XY	**	WP4MUL

** All call signs in this group have been issued in this area.

AZDEN RADIOS

2-Meter and 6-Meter mobiles in stock

Call: Jack - N7CXK in Wilsonville

Local Phone - Information (503)682-7898

Orders Only Please 1-800-835-4895

OTVARC Emergency Services AEC requires Emergency Services

It seems that Tim - N7UCA, OTVARC's own Emergency Services representative and Assistance Emergency Co-ordinator for Washington County fell victim to the curse of Friday the 13th. I quote from a message from Tim...

"Looks like Friday the 13th wasn't great for me - I got run over by my own truck." It seems that Tim had just returned from Moses Lake and had stopped by his office to drop off some material. He had put his truck in

"Looks like Friday the 13th wasn't great for me - I got run over by my own truck."

Park, set the emergency brake and was walking around the front of the truck when he heard something "Snap". Tim tried to elude the crazed vehicle but was trapped by the gate and fence. Fortunately for Tim, the truck first had to strike a sign post and a mail box before striking him. Tim is quoted as saying, "The mailbox saved my bacon - the concrete base rolled as the box got hit and high-centered the truck on the skid-pan up against the fence. When it stopped, I was underneath the front axle, which fortunately was about 2 feet in the air."

The final outcome was only a few cuts and scrapes and some major bruises on his right leg from the hip to the ankle. It seems the only thing that was broken was the cable for his emergency brake and the lockout in his transmission.

I'm glad you are OK Tim but I think you might consider therapy for your truck to see why it holds these ill feelings for you. Could it be you have been feeding it bad gas.....?

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Earl ReInoehl, KE7OA, Manager

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From: Satellite Station - W7KJZ



Here is some information on the new Russian satellite RS-15.

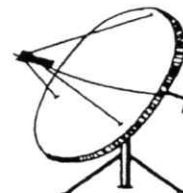
RS-15 was launched from UL7. It is up and running well, and the footprint gives mutual coverage between stations 6,000 miles distant. (G to W6, JA, PY/LU, ZS, UA0, KL7 etc). At times the satellite (considering the distance and the inverse square law) is very sensitive, and the noise floor is clearly audible. 10w erp on 2m gives 6db over noise on the downlink. No more than 100w erp (10w to 8 elements) is needed. Best and most QSB free downlink resulted by employing vertical polarization at most attitudes, even better than RHCP and LHCP. Horizontal polarization is by far the weakest signal and deepest fades. RS-15 is tumbling and toppling, showing spin fading at some 1 cps, sounding rather like A-O-13 can. Despite no stabilization, this should slowly reduce.

The period is ca 127.27 minutes, and the increment 32.05 deg. with a height above earth well over 2,000 km. non-sun-synchronous. You won't see it at the same times everyday, and on average the group of passes will occur earlier with time.

The 18 wpm CW telemetry beacon on 29.352 MHz is VERY strong, sending groups consist of three letters and two figures, .."MMW14 INW11 ..etc..RS15". High speed uplinked 1100 baud uplink commands can be heard also when it is within range of the RS3A command station.

The transponder uplink to downlink translation figure is ca. 116.504, e.g. frequency of uplink minus 116.504 = frequency of downlink, $f_{\text{downlink}} + 116.504 = \text{uplink}$, although this has been noticed to change in small jumps over the last few days.

Uplink: 145.857 - 145.897 MHz +/- some 3 KHz of Doppler shift.
Downlink: 29.357 - 29.397 MHz, +/- some 600 Hz of Doppler. Power 5 W
Beacon 1: 29.398 MHz, not yet heard, CW, Power 0.4 or 1.2 W
Beacon 2: 29.352 MHz, CW, same output.
Bulletin Board takes up to 2 Kilobytes to give Morse Code CW information.
Antennas: Dipoles for both RX and TX. Weight of RS-15 ca 70 kg
Attitude: Rolling and tumbling now as no stabilization.

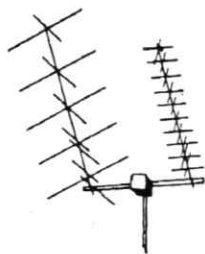


RS-15 has a 21 to 29 MHz transponder too, and petitions to RK3KPK @ RK3KP might well provide this mode or combined 'A' and 'K' operation.

The following data on RS-15's orbit came from Ken Ernandes N2WWD via Ray Soifer W2RS. Based on our AOS, TCA and LOS findings Ken made up a Keplerian element set which should still hold well for a further ten days (until NASA/NORAD are able to sort out which specific object is being tracked)

RS-15	(Epoch)	(Decay)
1 99915U	94360.16222500	.00000000 00000-0 13414-4 0 26
2 99915	64.5927 174.9040 0173416 233.4418	0.0000 11.27220872 13
(Incl)	(RA)	(Ecc) (A of P) (MA) (MM)

73 Dick - W7KJZ @ W0RLI.0R.USA.NOAM



Wife Kicks Husband's "Butt" at Last HAM Class

If you were at the last OTVARC meeting, you had a chance to meet 4 new hams from the Fall class. They are Kevin Dorshimer, KC7HNZ, Kathy Stevens, KC7HNL, Fred Stevens, KC7HNY and Sharon Williams, KC7HNK. This story is about Fred and Kathy if you missed the meeting.

New Fred saw the ad in the PCC bulletin about becoming a HAM and talked Kathy into taking the class because he wanted to become a HAM. He was interested in digital stuff like packet, etc. Well, Kathy didn't want to take the class. So Kathy, being wise in the ways of the world pulled a Quid Pro Quo on Fred, her husband and said to him: "OK, I'll take this HAM class in the Fall, if you will take ballroom dancing in the Winter." So Fred agreed and off they went to the class.

As time rolled on, I noticed Kathy was picking up the code really well and acing the weekly tests. I mentioned to them that there wasn't a substantial difference between some of the Technician material and the General class material and with a little extra effort, one could indeed achieve that license from this class. Well, the next week, I noticed a book on Kathy's desk about the General class exam material. Meanwhile, the class rolled on and she kept acing the CW tests.

On test night, everybody was very nervous. I was sitting out in the hall while Bill Beane, KI7GR and his fine W5YI group conducted the exams in the classroom. Soon, Kathy and Fred emerged from the room and thumbs-up were given, meaning the Novice written was passed. Then others came out with the same results. Shortly, Kathy and Fred came out indicating the Technician written had been passed. Then the CW tests began, out came Sharon, Kathy, Fred and Kevin. It seemed like a long time while they were taking the CW tests. Finally, out came everyone except Kathy. I found out she was taking the 13 WPM test! She came out and was elated! She aced the 13 WPM test on her first sitting! This was a woman who, nine weeks prior didn't know a dit from a dah and wanted to take ballroom dancing... She had just enough time to shake my hand and then went in to take her written General exam along with Fred.

A short while later, she came out victorious! She passed her written General exam. So, on her first sitting, she achieved a General class license!

The point here is that it is achievable. You can all do it. Kathy has agreed to come back and talk to the present class to motivate them as well.

The class had a 100% pass ratio. And what

about Fred? Well, the last I heard, he is doing real well in the ballroom dancing and studying his 13 WPM code to catch up with Kathy. Sharon made her first contact via CW and Kevin? He said to Fred: "Hey man, you better catch her...she's kicking your butt all the way down the hall!"

Burt Rooke, KI7JX, Club Trainer

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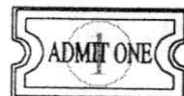
OTVARC TRAVELERS OUTING

FEBRUARY 17, 18, 19, 1995

**MULKEY RV PARK 3.5 MILES WEST OF
McMINNVILLE ON HWY 18.**

**THOSE GOING ON THURSDAY PLEASE MAKE
YOUR OWN ARRANGMENTS FOR THAT DAY @
472-2475.**

**THOSE PLANNING ON ATTENDING PLEASE
CONTACT BUD KC7PS OR SALLY N7WAL @
649-1523**



CONVENIENT TO RICKREALL

DISTRICT 1 FREQUENCY LIST

GROUP or AGENCY	FREQUENCY	TYPE	NOTES
District 1 Emergency Net	147.32(+)	R	DEC W7ADV
District 1 Emerg.Net (alt. freq)	146.84(-)	R	NC N7VZF/WB7BBG
Clackamas Co. - CARES	145.21(-)	R	EC KA7IJK
Clackamas Co. - CARES	146.96(-)	R	
Clackamas Co. - CARES	146.43	S	
Clark Co. ARES	147.24(+)	R	EC K7CLL
Clark Co. ARES Simplex	147.50	S	
Clark Co. ARES	448.925(-)	R	
Clatsop Co. ARES local tactical	146.66(-)	R	EC N7LKF
Clatsop Co. ARES wide area coord	146.76(-)	R	
Clatsop Co. ARES Simplex	146.52	S	
Cowlitz Co. ARES	147.26(+)	R	
Columbia Co. ARES	145.35(-)	R	
Columbia Co. ARES Simplex	145.35	S	
Coordination Link	224.16-222.56	R	
County EOCs	46.58	S	Wash Co. (TERAC) 818
Hoodview (City of Gresham)	147.28(+)	R	EC WT7S
Hoodview Simplex	147.48	S	CLUB WB7QIW
Hoodview 440	448.475(-)	R	
Oregon ARES	3993.5	LSB	
Oregon ARES (Alternate)	7228.0	LSB	
Oregon ARES PKT BBS at OEM	C Salem (145.65) then C 1 K7MYU		
OTVARC	146.90(-)	R	AEC N7UCA
OTVARC	147.42	S	
OTVARC	440.350(+)	R	PL 127.3
PARC (City of Portland) - W7KYC	146.84(-)	R	EC K7RUN
PARC Simplex	145.73	S	CLUB W7KYC
PARC PKT	145.01	S	PARC:W7KYC
Red Cross Operational	47.42	S	
Red Cross (alternate)	47.46	S	
Red Cross (Amateur radio)	147.54	S	
Red Cross (Amateur radio)	442.550(+)	R	PL 100 KA7PLB
TERAC Operational - K7AUO	146.58	S	W7ADV
TERAC Organizational(intercom)	448.65(-)	R/S	CLUB K7AUO
Tillamook Co. ARES	147.22(+)	R	EC AA7ZY
Tillamook Co. ARES (Alternate)	147.36(+)	R	
Washington Co. ARES	146.90(-)	R	EC N7OGM
Washington Co. ARES Simplex	147.40	S	
Yamhill Co. ARES	146.64(-)	R	EC KB7PPP
Yamhill Co. ARES Simplex	146.43	S	

The Salem Repeater Association and Oregon Coast Emergency Repeater, Inc.
proudly present the

1995

SALEM HAMFAIR AND ELECTRONIC SWAPMEET SATURDAY * FEBRUARY 18 POLK COUNTY FAIRGROUNDS

West of Salem where Highway 22 meets 99W at Rickreall

Doors open at 9:00 a.m.
Prize drawings at 3:00 p.m.




GRAND PRIZE: Your choice of Icom's IC-707 HF or IC-2340H VHF-UHF Dual Band Mobile ! Donated by ICOM America and Amateur Radio Supply

COUNTRY STORE: Sell your gear with help from Salem ARC.

PRE-REGISTER by February 12 and receive entry badges and door prize tickets by return mail. Registrations received Feb. 13 or later will be held for pick-up at the door. Register by Feb. 4 and receive an extra door prize ticket with each entry ticket. Anyone 13 years or older must be registered to enter hamfair.

**OREGON'S BIGGEST, BEST
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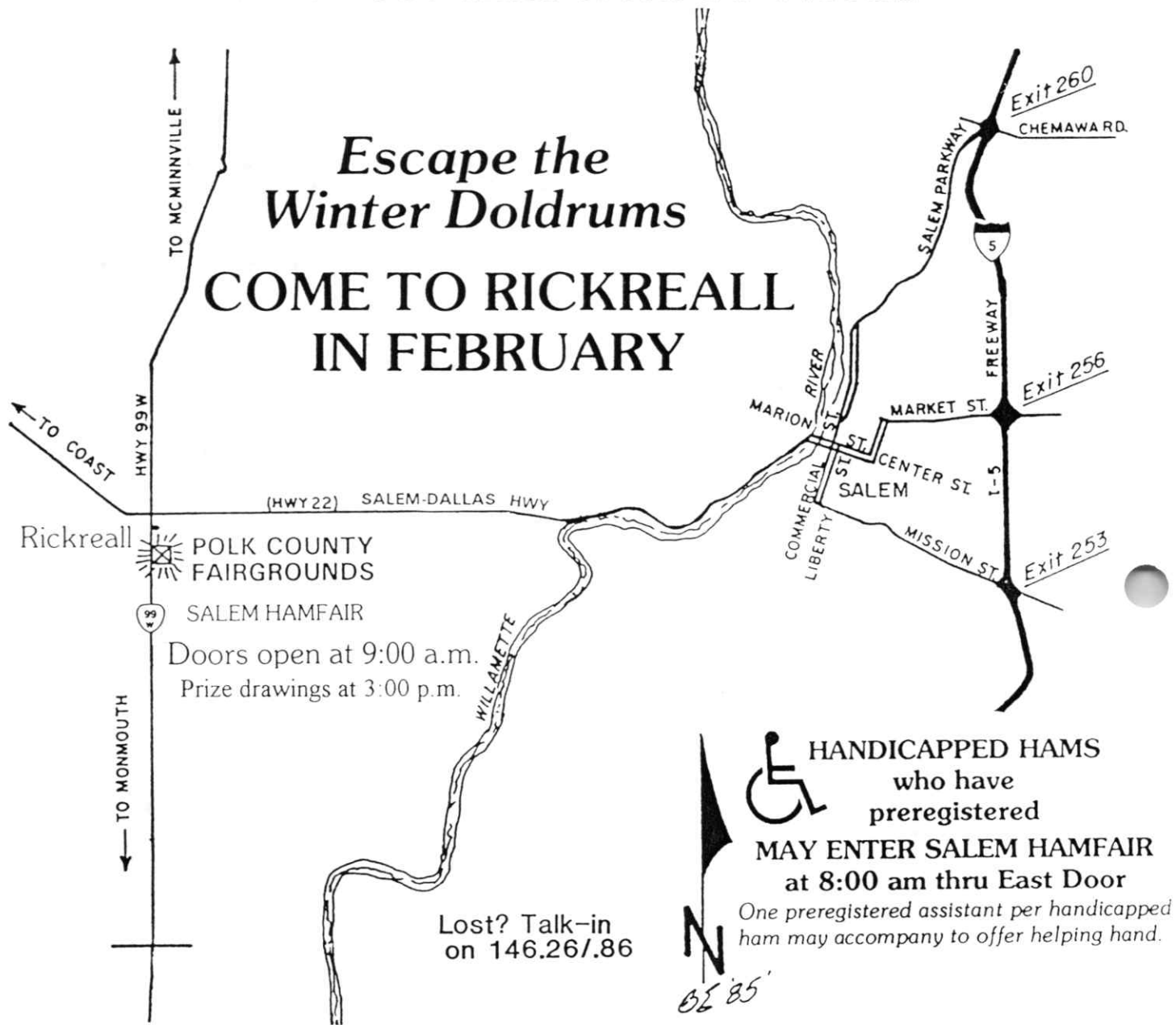
Yes, I'd like to be part of the SALEM HAMFAIR. Enclosed is \$ _____
for _____ registrations at \$6.00 each (\$7.00 at the door).
and _____ swap tables at \$13.00 each (\$15.00 with power).
Self-contained RV camping for _____ nights at \$8.00 per night.
Swap table participants must register. Make checks payable to Salem Repeater Assn.

HURRY! Swap tables
sold-out last year...

Name _____ Callsign _____
Address _____ Phone (_____) _____
City _____ State _____ Zip _____

Mail by February 4, 1995, and receive an extra door prize ticket with each admission. *No license exams so all can enjoy Salem Hamfair.*

- **EASY ACCESS FROM INTERSTATE FIVE OR HIGHWAY 99W:** Take Exit 260A, the Salem Parkway route from I-5 South; Mission or Market Street exits from I-5 North.



FOOD: Soft drinks, coffee, fresh pastries, hamburgers & chips, chiliburgers, chili & french bread.

OVERNIGHTERS: Parking for self-contained RV's on the fairgrounds is just \$8.00 per night. Indicate which nights you wish to park, and include the fee with your hamfair registration.

OTVARC Club Contacts

OTVARC Executive Board

President	Bill Merwin	N7VZF	644-1974
Vice President	Janet Bell	WB7FJC	648-4147
Secretary	Alan Chinnock	KB7POR	620-2057
Treasurer	Lorna Campbell	KA7RFD	591-1891
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Brad Beach	N7NVC	657-1781
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Bob Cowan	KI7QI	699-9213
Trustee	Burt Rooke	KI7JX	241-2891

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	297-2732
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	Tim Taylor	N7UCA	292-5430
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	OPEN		
Member Badges	Terry Sparks	AA7ZO	628-0372
Newsletter Editor	Bill Merwin	N7VZF	640-8873
Newsletter Layout	Bill Merwin	N7VZF	883-8504
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nomination of Officers	Van Van Ness	KE7BB	246-7975
Project Night	OPEN		
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	N7PEX	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Exec. Board	N7VZF	644-1974
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
	Randy Stimson	KZ7T	297-1175
Technical	OPEN		
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(Upgrade)	OPEN		
VE Testing	Alan Roehl	KO7B	292-5243
VE Test Schedule	OPEN		
VHF/UHF	Bill Roth	N7RYW	297-7605

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LICENSED TAX CONSULTANT ENROLLED AGENT

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AUDIT REPRESENTATION

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

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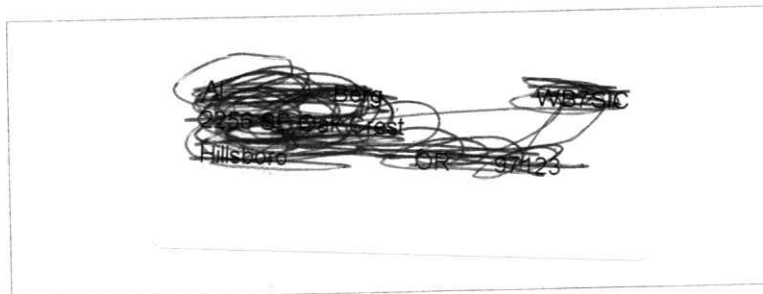


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